

# National Health and Nutrition Examination Survey 2003-2004

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## Documentation, Codebook, and Frequencies

MEC Laboratory Component:  
Phlebotomy fasting questionnaire

**Survey Years:**  
**2003 to 2004**

**SAS Export File:**  
**PH\_C.XPT**



January 2006

# NHANES 2003–2004 Data Documentation

## Laboratory Assessment: PH – Phlebotomy Fasting Questionnaire

Years of Coverage: 2003–2004

First Published: January 2006

Last Revised: N/A

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### Component Description

The phlebotomy component of NHANES involved the collection of blood specimens. Prior to blood collection, the MEC phlebotomist administered a questionnaire to screen for conditions that would exclude participants from the blood draw. At this time, fasting status was determined. Blood specimens for basic hematology, nutritional biochemistry, and special studies were obtained.

Blood specimens were collected on participants aged one year and older in the Mobile Examination Center (MEC).

### Eligible Sample

Participants aged 1 year and older were tested.

### Description of Laboratory Methodology

The MEC phlebotomist drew blood from the participant's arm. Participants with hemophilia or who received cancer chemotherapy in the past four weeks or will receive it in the future four weeks were excluded from the venipuncture.

### Laboratory Quality Control and Monitoring

The NHANES quality control and quality assurance protocols (QA/QC) meet the 1988 Clinical Laboratory Improvement Act mandates. Detailed quality control and quality assurance instructions are discussed in the NHANES Laboratory/Medical Technologists Procedures Manual (LPM).

### Data Processing and Editing

Phlebotomy data were recorded directly into a computerized database; all forms used in the MEC were automated. Detailed phlebotomy collection and processing instructions are discussed in the NHANES Laboratory/Medical Technologists Procedures Manual (LPM).

### Analytic Notes

The analysis of NHANES 2003-2004 laboratory data must be conducted with the key survey design and basic demographic variables. The NHANES 2003-2004 Household Questionnaire Data Files contain

demographic data, health indicators, and other related information collected during household interviews. They also contain all survey design variables and sample weights for these age groups. The phlebotomy file includes auxiliary information such as the conditions precluding venipuncture. The household questionnaire and phlebotomy files may be linked to the laboratory data file using the unique survey participant identifier SEQN.

Use PHAFSTHR and PHAFSTMN to determine the duration of fasting in hours and minutes, respectively.

Use PHDSESN to determine the session in which the participant was examined.

<b>References</b>	N/A
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## Locator Fields

**Title:** Fasting Questionnaire

**Contact Number:** 1-866-441-NCHS

**Years of Content:** 2003–2004

**First Published:** January 2006

**Revised:** N/A

**Access Constraints:** None

**Use Constraints:** None

**Geographic Coverage:** National

**Subject:** Fasting questions

**Record Source:** NHANES 2003–2004

**Survey Methodology:** NHANES 2003–2004 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

**Medium:** NHANES Web site; SAS transport files

**National Health and Nutrition Examination Survey  
Codebook for Data Production (2003-2004)**

**Phlebotomy fasting questionnaire (PH\_C)  
Person Level Data**

January 2006



<b>SEQN</b>	<b>Target</b>
	B(1 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Respondent sequence number
<b>English Text:</b> Respondent sequence number.	
<b>English Instructions:</b>	

PHQ020	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Coffee or tea with cream or sugar?		
English Text: Coffee or tea with cream or sugar? [Include milk or non-dairy creamers.]			
English Instructions: Have you had any of the following since the fasting time in variable PHQ010. PHQ010: When was the last time you ate or drank anything other than plain water? [Do not include diet soda, black coffee or tea with saccharine or Equal.] (Note: Variable PHQ010 was not released as part of this data set because of disclosure issues)			
Code or Value	Description	Count	Skip to Item
1	Yes	64	
2	No	8949	
.	Missing	166	

PHACOFHR	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Coffee/tea fast time (hours)		
English Text: Coffee/tea fast time (hours)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0	0	4	
1	1	9	
2	2	15	
3	3	8	
4	4	6	
5	5	7	
6	6	3	
7	7	4	
8	8	3	
9	9	1	
12	12	1	
14	14	2	
21	21	1	
.	Missing	9115	



PHACOFMN	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Coffee/tea fast time (minutes)		
English Text: Coffee/tea fast time (minutes)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0	0	1	
3	3	2	
5	5	1	
6	6	1	
7	7	1	
8	8	1	
9	9	4	
10	10	3	
11	11	1	
14	14	2	
15	15	1	
17	17	1	
19	19	1	
20	20	2	
21	21	1	
23	23	1	
24	24	1	
25	25	1	
28	28	1	
29	29	1	
30	30	1	
31	31	2	
32	32	1	
33	33	2	

35	35	1	
36	36	2	
39	39	1	
40	40	2	
41	41	1	
42	42	1	
43	43	1	
44	44	2	
45	45	2	
46	46	2	
48	48	4	
50	50	1	
51	51	1	
53	53	1	
54	54	1	
55	55	2	
56	56	2	
58	58	1	
59	59	2	
.	Missing	9115	

PHQ030	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Alcohol, such as beer, wine, or liquor?		
English Text: Alcohol, such as beer, wine, or liquor?			
English Instructions: Have you had any of the following since the fasting time in variable PHQ010. PHQ010: When was the last time you ate or drank anything other than plain water? [Do not include diet soda, black coffee or tea with saccharine or Equal.] (Note: Variable PHQ010 was not released as part of this data set because of disclosure issues)			
Code or Value	Description	Count	Skip to Item
1	Yes	16	
2	No	8997	
.	Missing	166	

PHAALCHR	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Alcohol fast time (hours)		
English Text: Alcohol fast time (hours)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	1	1	
2	2	1	
5	5	2	
6	6	1	
9	9	2	
10	10	3	
12	12	1	
14	14	1	
15	15	1	
16	16	2	
19	19	1	
.	Missing	9163	

PHAALCMN	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Alcohol fast time (minutes)		
English Text: Alcohol fast time (minutes)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	1	1	
4	4	1	
5	5	1	
6	6	2	
16	16	1	
19	19	1	
26	26	1	
32	32	1	
33	33	1	
34	34	1	
38	38	1	
43	43	1	
51	51	1	
57	57	2	
.	Missing	9163	

PHQ040	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Gum, mints, lozenges or cough drops		
<b>English Text:</b> Gum, breath mints, lozenges or cough drops, or other cough or cold remedies?			
<b>English Instructions:</b> Have you had any of the following since the fasting time in variable PHQ010. PHQ010: When was the last time you ate or drank anything other than plain water? [Do not include diet soda, black coffee or tea with saccharine or Equal.] (Note: Variable PHQ010 was not released as part of this data set because of disclosure issues)			
Code or Value	Description	Count	Skip to Item
1	Yes	132	
2	No	8881	
.	Missing	166	

PHAGUMHR	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Gum, mints cough drops fast time (hours)		
English Text: Gum, mints cough drops fast time (hours)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0	0	34	
1	1	32	
2	2	18	
3	3	13	
4	4	11	
5	5	4	
6	6	3	
7	7	1	
8	8	3	
9	9	2	
10	10	3	
12	12	1	
13	13	1	
14	14	3	
15	15	1	
16	16	1	
18	18	1	
.	Missing	9047	

PHAGUMMN	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Gum, mints, cough fast time (minutes)		
English Text: Gum, mints, cough fast time (minutes)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0 to 58	Range of Values	132	
.	Missing	9047	



PHQ050	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Antacids, laxatives, or anti-diarrheals?		
English Text: Antacids, laxatives, or anti-diarrheals?			
English Instructions: Have you had any of the following since the fasting time in variable PHQ010. PHQ010: When was the last time you ate or drank anything other than plain water? [Do not include diet soda, black coffee or tea with saccharine or Equal.] (Note: Variable PHQ010 was not released as part of this data set because of disclosure issues)			
Code or Value	Description	Count	Skip to Item
1	Yes	13	
2	No	9000	
.	Missing	166	

PHAANTHR	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Antacids, laxatives fast time (hours)		
English Text: Antacids, laxatives fast time (hours)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0	0	1	
1	1	1	
2	2	2	
3	3	1	
4	4	1	
8	8	1	
10	10	2	
11	11	2	
12	12	2	
.	Missing	9166	

PHAANTMN	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Antacids, laxatives fast time (minutes)		
English Text: Antacids, laxatives fast time (minutes)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
17	17	1	
25	25	1	
27	27	1	
30	30	1	
32	32	2	
40	40	1	
41	41	1	
45	45	1	
47	47	1	
49	49	1	
54	54	1	
59	59	1	
.	Missing	9166	

PHQ060	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Dietary supplements?		
<b>English Text:</b> Dietary supplements such as vitamins and minerals? [Include multivitamins and single nutrient supplements.]			
<b>English Instructions:</b> Have you had any of the following since the fasting time in variable PHQ010. PHQ010: When was the last time you ate or drank anything other than plain water? [Do not include diet soda, black coffee or tea with saccharine or Equal.] (Note: Variable PHQ010 was not released as part of this data set because of disclosure issues)			
Code or Value	Description	Count	Skip to Item
1	Yes	57	
2	No	8956	
.	Missing	166	

PHASUPHR	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Dietary supplements fast time (hours)		
English Text: Dietary supplements fast time (hours)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0	0	4	
1	1	12	
2	2	13	
3	3	10	
4	4	2	
5	5	2	
6	6	4	
7	7	4	
8	8	2	
9	9	1	
11	11	2	
15	15	1	
.	Missing	9122	

PHASUPMN	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Dietary supplements fast time (minutes)		
English Text: Dietary supplements fast time (minutes)			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0	0	2	
1	1	1	
2	2	2	
3	3	1	
4	4	2	
6	6	2	
7	7	1	
9	9	2	
12	12	1	
13	13	1	
16	16	2	
17	17	1	
18	18	1	
19	19	1	
26	26	2	
28	28	2	
29	29	1	
32	32	2	
33	33	3	
35	35	1	
36	36	2	
38	38	2	
39	39	1	
41	41	1	

42	42	1	
44	44	2	
45	45	1	
46	46	2	
49	49	2	
50	50	1	
54	54	4	
55	55	1	
56	56	3	
58	58	1	
59	59	2	
.	Missing	9122	

PHAFSTHR	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Total length of "food fast," hours		
English Text: The time (in hours) between when the examinee last ate or drank anything other than water and the time of the venipuncture.			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0 to 184	Range of Values	9013	
.	Missing	166	



PHAFSTMN	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Total length of "food fast," minutes		
English Text: The time (in minutes) between when the examinee last ate or drank anything other than water and the time of the venipuncture.			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0 to 59	Range of Values	9013	
.	Missing	166	

PHDSESN	Target		
	B(1 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Session in which SP was examined		
English Text:			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0	Morning	4297	
1	Afternoon	3400	
2	Evening	1482	
.	Missing	0	